现货库存、技术资料、百科信息、热点资讯，精彩尽在鼎好！

Features/Benefits

- *Excellent tactile feel*
- *Wide variety of LED's, travel and actuation forces*
- *Designed for low-level switching*
- *Detector version available*
- *RoHS compliant*

Typical Applications

- *Automotive*
- *Industrial electronics*
- *Computers and network equipment*

Construction

FUNCTION: momentary action
CONTACT ARRANGEMENT: 1 make contact = SPST, N.O.
DISTANCE BETWEEN BUTTON CENTERS:
min. 7,5 and 11,8 (0.295 and 0.465)
TERMINALS: Snap-in pins, tinned
MOUNTING: Soldered by PC pins, locating pins
PC board thickness: 1,5 (0.0591)

Mechanical

TOTAL TRAVEL/SWITCHING TRAVEL: 1,5/0,9 (0.059/0.035)
PROTECTION CLASS: IP 40 according to DIN/IEC 529

1) Voltage rise: 300 V/s
2) According to DIN 41640; IEC 512-2
3) Higher values upon request

NOTE: Product to be compatible with the lead free soldering profile on Q4 2006. THT product: compatible with the lead free soldering profile.

Electrical

SWITCHING POWER MIN./MAX.: 0.02 mW / 3 W DC
SWITCHING VOLTAGE MIN./MAX.: 2 V DC / 30 V DC
SWITCHING CURRENT MIN./MAX.: 10 µA /100 mA DC
DIELECTRIC STRENGTH (50 Hz)[1) 2)]: ≥ 300 V
OPERATING LIFE: ≥ 2 x 10^5 operations [3)]
≥1 X 10^5 operations for SMT version
CONTACT RESISTANCE: Initial ≤ 50 mΩ
INSULATION RESISTANCE: ≥ 10^{10} Ω
BOUNCE TIME: ≤ 1 ms
Operating speed 100 mm/s (3.94/s)

Environmental

OPERATING TEMPERATURE: -40°C to 85°C.
STORAGE TEMPERATURE: -40°C to 95°C.

Process

SOLDERABILITY:
Maximum soldering time and temperature:
5 s at 260°C; Hand soldering 3 s at 350°C.

How To Order

Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

K 6 [ ][ ] [ ][ ] 1.5 [ ][ ] L [ ][ ][ ][ ]

Series
K6B
K6BL with LED
K6S SMT
K6SL SMT with LED

LED*
NONE Models without LED
GN Green
YE Yellow
OG Orange
RD Red
WH White
BU Blue

Travel
1.5 1,5mm (0.059)

Operating Force
3N 3 N 300 grams
5N 5 N 500 grams
2N OD 2 N 200grams without snap-point

Standard LED Code
NONE Models without LED
L306 Green
L327 Yellow
L315 Orange
L352 Red
L302 White
L328 Blue

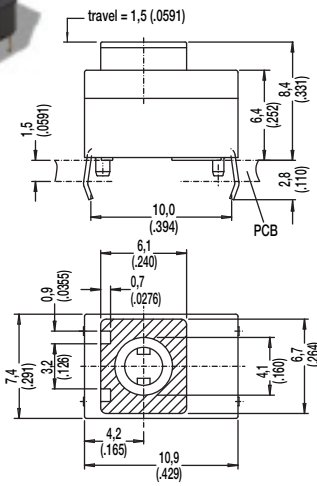
* Additional LED colors available by request.

SERIES

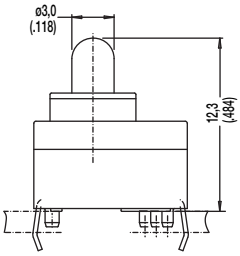
K6B WITHOUT LED

K6BL WITH LED

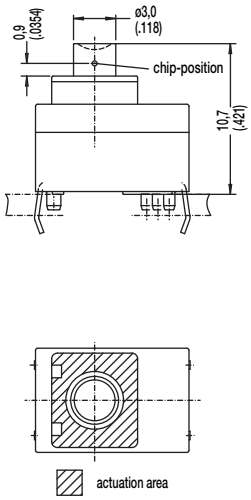
WITHOUT LED



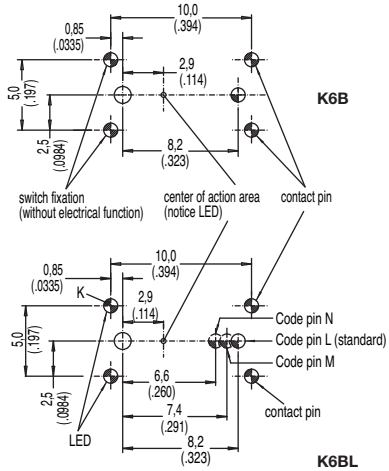
LED

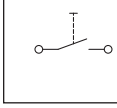
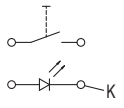


ARGUS® LED



PCB LAYOUT, MOUNTING SIDE



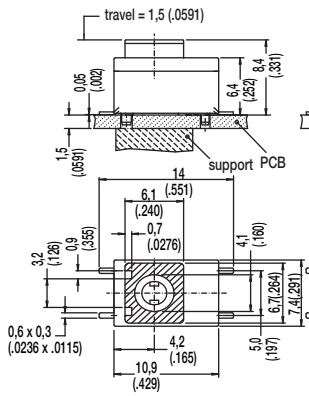
SCHEMATIC	
K6B	K6BL
	

Hole	Ø	Without LED	With LED	Description	Terminal Section	Surface
⊕	1,2+0,1 (.0471+.00349)	1x	1x	center hole		
⊕	0,9+0,1 (.0354+.00349)	1x	1x	code (L,M,N)		
⊕	1,0+0,1 (.0354+.00349)		2x		0.6 x 0.3 (.0236 x .0118)	SnPb
		4x	2x	LED switch		

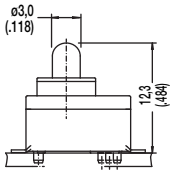
K6S WITHOUT LED

K6SL WITH LED

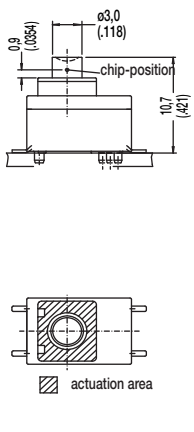
WITHOUT LED



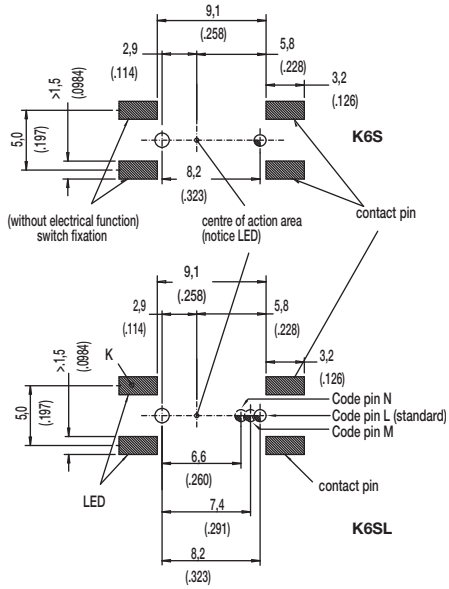
LED

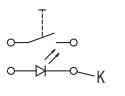


ARGUS® LED

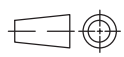


PCB LAYOUT, MOUNTING SIDE



SCHEMATIC	
K6S	K6SL
	

Hole	Ø	Without LED	With LED	Description
⊕	1,2+0,1 (.0471+.00349)	1x	1x	center hole
⊕	0,9+0,1 (.0354+.00349)	1x	1x	code (L,M,N)



Dimensions are shown: mm (inch)
Specifications and dimensions subject to change

LED

OPTION CODE	COLOR
NONE	Models without LED
GN	Green
YE	Yellow
OG	Orange
RD	Red
WH	White
BU	Blue

Additional LED colors available by request

STANDARD LED CODE	COLOR
NONE	Models without LED
L306	Green
L327	Yellow
L315	Orange
L352	Red
L302	White
L328	Blue

TRAVEL

1.5 1.5 MM

OPERATING FORCE

OPTION CODE	OPERATING FORCE
3N	3 N, 300 g
5N	5 N, 500 g
2N OD	2 N, 200g without snap-point